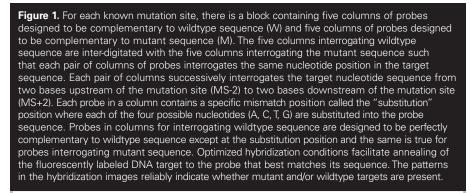


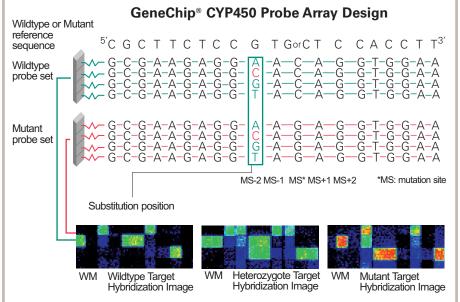
# Data Sheet

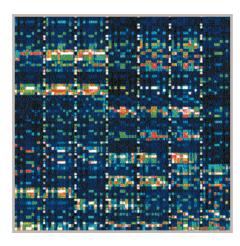
## GeneChip® CYP450 Assay

# Genotyping of the Human 2D6 and 2C19 Genes Encoding the Cytochrome p450 Enzymes

- Sense and antisense strand analysis in a single hybridization reaction
- Simultaneously genotypes 18 known mutations defining 10 alleles of the CYP2D6 and 2 alleles of the CYP2C19 genes
- Discriminates homozygous and heterozygous genotypes

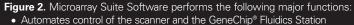






### GeneChip® CYP450 Product Characteristics

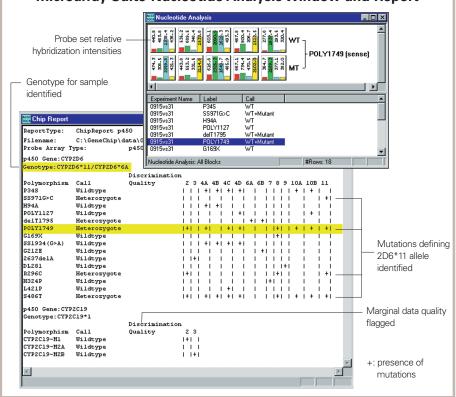
Genes analyzed	CYP2D6 and CYP2C19
Alleles identified	CYP2D6: *2, *3, *4, *6, *7, *8, *9, *10, *11 Deletion (*5) homozygotes 2C19: *2, *3
Time from purified DNA to data	5 hrs
Maximum steady state throughput	4 samples/hour**
**Maximum steady state throughput based on one GeneChip® analysis system.	



- Acquires and processes hybridization intensity data
- Displays hybridization image

- Displays hybridization intensity data
- Displays nucleotide base calls for each mutant site
- Prepares customizable summary report

## Microarray Suite Nucleotide Analysis Window and Report



#### **Ordering Information**

#### GeneChip® CYP450 Assay

Probe Arrays

900137 GeneChip CYP450 Arrays - One Box (each box contains 5 arrays)

#### Reagents

900140 GeneChip CYP450 Reagent Kits (sufficient for 25 samples) Includes CYP450 Primer Set, Reference DNA, Fragmentation Reagent, and Control Oligonucleotide F1.

900138 GeneChip CYP450 Primer Set (sufficient for 25 samples) Contains PCR primers for multiplex human 2D6 gene amplification, exons 1-9; and human 2C19 gene amplification, exons 4-5.

#### To Order

#### **North America**

888-DNA-CHIP 888-362-2447

+44 (0) 1628 552550

+81-(0)3-5730-8200

#### AFFYMETRIX, INC.

3420 Central Expressway Santa Clara, CA 95051 USA Tel: 1-888-DNA-CHIP (1-888-362-2447)

Fax: 1-408-731-5441 sales@affymetrix.com support@affymetrix.com

#### **AFFYMETRIX UK Ltd**

Voyager, Mercury Park, Wycombe Lane, Wooburn Green, High Wycombe HP10 0HH United Kingdom UK and Others Tel: +44 (0) 1628 552550 France Tel: 0800919505 Germany Tel: 01803001334 Fax: +44 (0) 1628 552585 saleseurope@affvmetrix.com supporteurope@affymetrix.com

#### AFFYMETRIX JAPAN K.K.

Mita NN Bldg., 16 F 4-1-23 Shiba, Minato-ku, Tokyo 108-0014 Japan Tel: +81-(0)3-5730-8200 Fax: +81-(0)3-5730-8201 salesjapan@affymetrix.com supportjapan@affymetrix.com

www.affymetrix.com Please visit our web site for international distributor contact information.

For research use only. Not for use in diagnostic procedures.

#### Part Number 700140 Rev. 7